



U.S. Department
of Transportation

Pipeline and
Hazardous Materials
Safety Administration

IAEA CERTIFICATE OF COMPETENT AUTHORITY
SPECIAL FORM RADIOACTIVE MATERIALS
CERTIFICATE USA/0413/S-96, REVISION 4

East Building, PHH-23
1200 New Jersey Avenue SE
Washington, D.C. 20590

This certifies that the sources described have been demonstrated to meet the regulatory requirements for special form radioactive material as prescribed in the regulations of the International Atomic Energy Agency¹ and the United States of America² for the transport of radioactive material.

1. Source Identification - QSA Global, Inc. Model Nos. 92802 and 93302.
2. Source Description - The sources authorized by this certificate are tungsten inert gas welded double encapsulations constructed of Type 304 or 304L stainless steel. The outer capsule has diameter 6.4 mm (0.25 in.) and lengths of approximately 13.5 mm (0.53 in.) for Model 92802 and 22.4 mm (0.88 in.) for Model 93302. The outer capsule plug for both consists of a small diameter end which fits snugly inside and is welded to the outer capsule, and a large diameter end of diameter 9.5 mm (0.375 in.) machined to screw onto a source rod. Manufacture of either capsule shall be in accordance with attached Amersham Corporation Drawing No. 92899.
3. Radioactive Contents - Not more than 8.14 TBq (220 Ci) of Cobalt-60 in solid metal form.
4. Quality Assurance - Records of Quality Assurance activities required by Paragraph 310 of the IAEA regulations¹ shall be maintained and made available to the authorized officials for at least three years after the last shipment authorized by this certificate. Consignors in the United States exporting shipments under this certificate shall satisfy the applicable requirements of Subpart H of 10 CFR 71.
5. Expiration Date - This certificate expires on September 30, 2012.

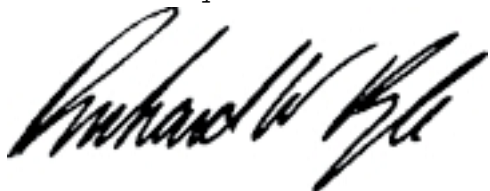
¹ "Regulations for the Safe Transport of Radioactive Material, 1996 Edition (Revised), No. TS-R-1 (ST-1, Revised)," published by the International Atomic Energy Agency(IAEA), Vienna, Austria.

² Title 49, Code of Federal Regulations, Parts 100-199, United States of America.

CERTIFICATE USA/0413/S-96, REVISION 4


This certificate is issued in accordance with paragraph 804 of the IAEA Regulations and Section 173.476 of Title 49 of the Code of Federal Regulations, in response to the September 05, 2007 petition by QSA Global, Inc., Burlington, MA, and in consideration of other information on file in this Office.

Certified By:



Sep 11 2007

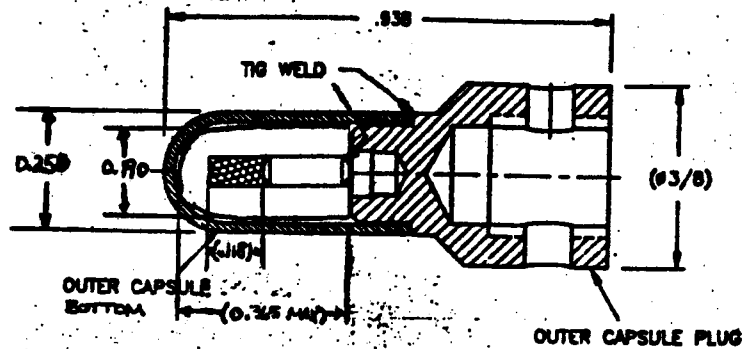
(DATE)

 Robert A. Richard

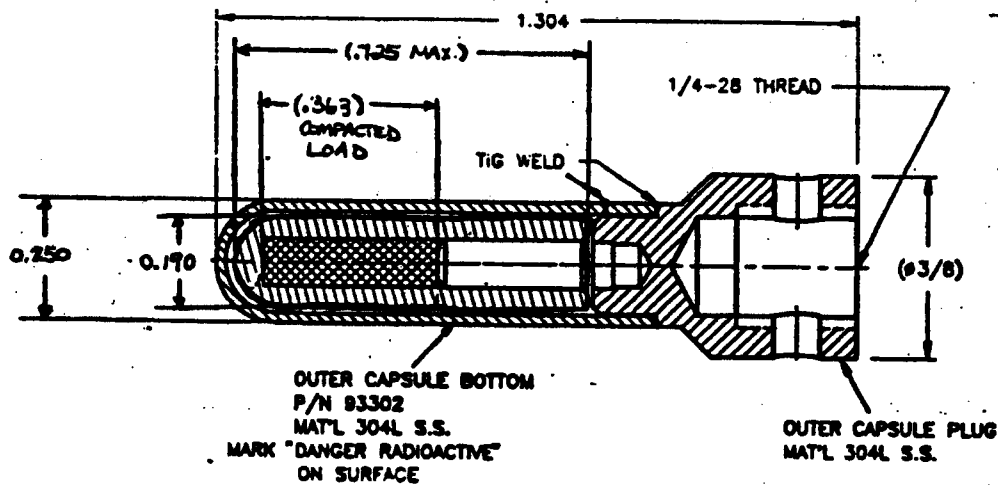
Deputy Associate Administrator for Hazardous Materials Safety

Revision 4 - Issued to extend the expiration date and update corporate name.


REV	ENGINEER	DATE	DESCRIPTION
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92802 SOURCE CAPSULE



93302 SOURCE CAPSULE

USED ON:			RELEASED FOR PRODUCTION ON _____ BY _____		
MATERIALS: C.P. TITANIUM GRADE 2			AMERSHAM CORPORATION BURLINGTON, MA 01803		
FINISH:					
DATE: 3-11-94			DWG. TITLE		
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:			92802 AND 93302		
.X ±0.1			SOURCE CAPSULES		
.XX ±0.01			DESCRIPTIVE DRAWING		
.XXX ±0.005			CLASSIFICATION		
ANGLES ±1°			SIZE		
FRACT ±1/64			DWG. NO.		
APPROVED			A		
G.PARSONS			92899		
G.PARSONS			SCALE		
D.DUNCANSON			4:1		
			SHEET 1 OF 1		
			REV		



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CERTIFICATE NUMBER: USA/0413/S-96, Revision 4

ORIGINAL REGISTRANT(S):

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